

SYSTEM AND METHOD FOR SCHEMA MAPPING

ABSTRACT OF THE DISCLOSURE

A system and method for generating a source schema-to-target schema mapping includes grouping user-defined value correspondences into potential sets such that, for each potential set, at most one value correspondence per target attribute exists. The value correspondences represent functions and filters for deriving values of target attributes from values of source attributes. 5 Candidate sets are selected from the potential sets and then grouped into ranked covers. Using the best cover, an SQL query representing a source schema-to-target schema mapping is generated.